

Claims

[45] I claim:

1. An excavator bucket connectable to a boom and being pivotable with respect to the boom, comprising:
 - opposing side walls in a fixed position with respect to each other and each having a front edge
 - a back surface, the back surface being
 - movable between
 - a first position substantially defining the capacity of the bucket
 - a second position toward the front edges of the side walls
 - the back surface connecting to an actuating member to move the back surface from the first position to the second position upon moving the excavator bucket toward a predetermined angular orientation with respect to the boom.
2. The excavator bucket of claim 1 further comprising means for biasing the back surface toward the first position.
3. The excavator bucket of claim 1 further comprising a back structural support surface connecting the opposing side walls and which engages the back surface when the back surface is in the first position.
4. The excavator bucket of claim 3 wherein the back structural support surface has an aperture through which the actuating member may pass.

5. The excavator bucket of claim 1 wherein the actuating member engages boom to thereby move the back surface from the first position to the second position.
6. The excavator bucket of claim 1 wherein the back surface includes a reinforcing ridge from the first position to the second position.